Amendments And Listing of Claims:

This listing of claims will replace all prior versions and listings of claims in this application.

1. **(currently amended)** A method to impart anti-microbial activity to the surface of a polyethylene object which consists essentially of:

a. applying to the surface **a liquid carrier containing from 15 to 65 weight percent of an anti-microbial composition to form a composition** coating **on said surface** having a thickness from 0.1 to 5 mils, **said** anti-microbial composition comprising:

I. from 0.5 to 5 weight percent of an anti-microbial metal selected from the group consisting of elemental and ionic silver, zinc, copper and cadmium deposited on a solid carrier, and

ii. from 95 to 99.5 weight percent of a polyethylene fusible solid selected from the group consisting of a hydrocarbon resin having a viscosity at 177 degrees C. in excess of 50 centipoises, polyethylene having a melt index less than 30 grams/min, and mixtures thereof; and

b. heating the surface to a temperature at least 250 degrees F. for sufficient time to fuse the coating into the wall of said object.

2. **(original)** The method of claim 1 wherein said anti-microbial metal is silver.

3. **(original)** The method of claim 1 wherein said carrier solid is an ion-

exchange solid and said anti-microbial metal is ion-exchanged onto said carrier solid.

4. **(original)** The method of claim 3 wherein said ion-exchange solid is zeolite.

5. **(original)** The method of claim 3 wherein said anti-microbial metal includes zinc.

6. **(previously presented)** The method of claim 1 wherein said polyethylene fusible solid is polyethylene.

7. **(previously presented)** The method of claim 1 wherein said polyethylene fusible solid includes a hydrocarbon resin.

8. **(previously presented)** In a rotational molding method for fabrication of a hollow form plastic product in a rotational molding cycle wherein polyethylene particles are charged to a rotational mold, the mold is closed, heated to a molding temperature while being rotated about its major and minor axes for a time sufficient to form said molded product and the mold is cooled to a demolding temperature, opened and the molded product is ejected, the improved method for imparting anti-microbial activity to the exterior surface of said molded product which consists essentially of:

applying to a selected area of the interior surface of said rotational mold at substantially the demolding temperature a coating having a thickness from 0.1 to 5 mils and comprising

I. from 0.5 to 5 weight percent of an anti-

microbial metal selected from the group consisting of elemental and ionic silver, zinc, copper and cadmium deposited on a solid carrier, and

ii. from 95 to 99.5 weight percent of a polyethylene fusible solid selected from the group consisting of a hydrocarbon resin having a viscosity at 177 degrees F. in excess of 50 centipoises, polyethylene having a melt index less than 30 grams/min., and mixtures thereof; and

b. continuing said rotational molding cycle to obtain a molded, hollow form plastic product having said anti-microbial composition fused into the wall of said product.

9. **(original)** The method of claim 8 wherein said anti-microbial metal is silver.

10.**(original)** The method of claim 8 wherein said carrier solid is an ion-exchange solid and said anti-microbial metal is ion-exchanged onto said carrier solid.

11.**(original)** The method of claim 10 wherein said ion-exchange solid is zeolite.

12.**(original)** The method of claim 10 wherein said anti-microbial metal includes zinc.

13.**(previously presented)** The method of claim 8 wherein said polyethylene fusible solid is polyethylene.

14.**(previously presented)** The method of claim 8 wherein said polyethylene fusible solid includes a hydrocarbon resin.

15. **(previously presented)** The method of claim 6 wherein said polyethylene has a melt index less than 20 grams/min.

16. **(previously presented)** The method of claim 13 herein said polyethylene has a melt index less than 20 grams/min.

17. **(previously presented)** The method of claim 1 wherein said hydrocarbon resin is selected as said polyolefin fusible solid.

18. **(previously presented)** The method of claim 8 wherein said hydrocarbon resin is selected as said polyolefin fusible solid.

19. **(new)** The method of claim 1 wherein said liquid carrier is a hydrocarbon solvent.

20. **(new)** The method of claim 1 wherein said liquid carrier is a water containing from 0.1 to 2 weight percent of a surfactant sufficient to form a stable dispersion of said anti-microbial composition.

21. **(new)** The method of claim 19 wherein said liquid carrier contains from 25 to 35 weight percent of said anti-microbial composition.

22. **(new)** The method of claim 20 wherein said liquid carrier contains from 25 to 35 weight percent of said anti-microbial composition